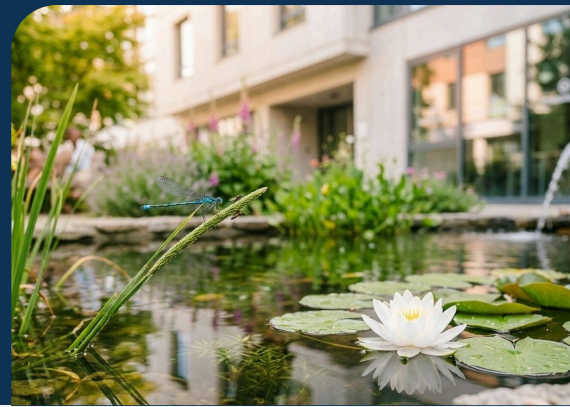


Refresh our cities.

Turning our cities into oases: we harvest the rain already falling on your roofs and return it to your planted spaces. A pragmatic, effective and ecological answer to urban heat.



6–8 °C

hotter leaves when plants are water-stressed: the cooling we keep.
Gräf et al., 2021

–5 °C

expected in air temperature at peak heat: shade, transpiration and pond combined.
Upper bound, US EPA

–20 °C

expected at ground level, in shade vs. sunlit paving.
US EPA: 11–25 °C

0 m³

of drinking water: 100 % harvested rainwater.
By design

×4

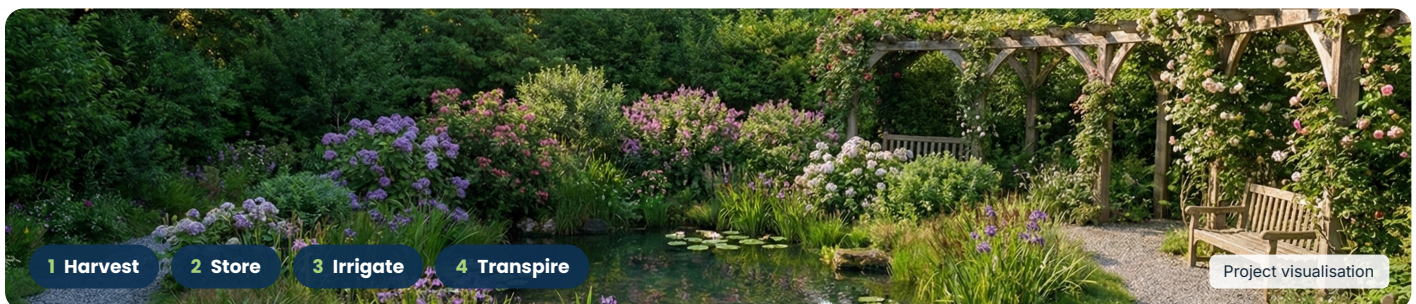
ecosystem services kept by rainwater irrigation vs. classic greenery under water stress.
9 published indicators

OUR PREMISE

**Greening is not enough.
Plants need water to transpire.**

A plant does not cool because it is green: it cools because it transpires, and it only transpires when it has water. Under heat and drought stress, thirsty greenery closes its stomata and stops cooling. A LOWASIS island draws on rainwater stored the winter before, so its cooling effect peaks during the heatwave. That is the point.

A LOWASIS ISLAND



Rain from a nearby roof is stored in a buried tank, then returned by sensor-controlled irrigation to four plant layers and to a pond that holds water all summer. **Composed, not copied:** meadow, food forest, pond, pergola... modules combined for what each site needs to do, from 50 to 250 m² and beyond.

CITIES & PUBLIC INSTITUTIONS

**A climate refuge
for your residents.**

Climate adaptation at the scale of a place where people can sit down. Municipalities, hospitals, care homes, universities, schools: several obligations met by one single scheme, three to six months from diagnosis to planting.

Heatwave plans

Cool outdoor refuges that need no electricity, even during power cuts.

Soils that breathe

Every desealed m² counts towards no-net-land-take goals and stormwater management.

Green & blue network

Local species and a pond in water all summer: a link in the ecological network, not an isolated object.

Funding

Renaturation, climate adaptation, stormwater: we build the funding applications with you.



PARTNERSHIP

With PICTAMAP, an environmental consultancy, we map your territory's heat islands with high-resolution thermal imagery: a solid baseline before works, and quantified proof afterwards.

**A car park, a schoolyard, a square?
Tell us about the place.**

An address, a photo, a few square metres: we tell you what the site can host and which funding can be mobilised.

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